Amendments to the Claims:

This listing of claims will replace a I prior versions, and listings, of claims in the application:

Listing of Claims:

1-15. (Cancelled)

16. (New) A compound of formula (1):

wherein

is a single or double bond;

A is phenylene or heteroarylene;

m is 1:

n is 0, 1, or 2;

R¹ is independently selected from halo, nitro, cyano, hydroxy, carboxy, carbamoyl, N- C_{1-4} alkylcarbamoyl, N,N- $(C_{1-4}$ alkyl) $_2$ carbamoyl, sulphamoyl, N- C_{1-4} alkylsulphamoyl, N-N- $(C_{1-4}$ alkyl) $_2$ sulphamoyl, $-S(O)_b$: C_{1-4} alkyl (wherein b is 0, 1, or 2), C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, C_{1-4} alkanoyl, C_{1-4} alkanoyl, hydroxy C_{1-4} alkyl, fluoromethyl, difluoromethyl, trifluoromethyl, and trifluoromethoxy; or

when n is 2, the two R¹ groups, together with the carbon atoms of A to which they are attached, may form a 4- to 7-membered ring, optionally containing 1 or 2 heteroatoms independently selected from O, S, and N, and optionally being substituted with one or two methyl groups; R⁴ is chloro:

R² is hydrogen, hydroxy, or carboxy;

 R^3 is selected from hydrogen, hydroxy, C_{1-4} alkoxy, C_{1-4} alkanoyl, carbamoyl, C_{3-7} cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cyano(C_{1-4})alkyl, aryl, heterocyclyl, C_{1-4} alkyl (optionally substituted with 1 or 2 R^3 groups), and groups of the formulae B and B'

wherein y is 0 or 1, t is 0, 1, 2, or 3 and u is 1 or 2;

provided that the hydroxy group is not a substituent on the ring carbon adjacent to the ring oxygen;

R⁸ is independently selected from hydroxy, C₁₋₄alkoxyC₁₋₄alkoxy, hydroxyC₁₋₄alkoxy, 5- and 6-membered cyclic acetals and mono- and di-methyl derivatives thereof, aryl, heterocyclyl, C₅₋₇cycloalkyl, C₁₋₄alkanoyl, C₁₋₄alkoxy, C₁₋₄alkylS(O)_b- (wherein b is 0, 1, or 2), C_{3-6} cycloalkylS(O)_b- (wherein b is 0, 1, or 2), arylS(O)_b- (wherein b is 0, 1, or 2), heterocyclylS(O)_b- (wherein b is 0, 1, or 2), benzylS(O)_b- (wherein b is 0, 1, or 2), -N(OH)CHO, $-C(=N-OH)NH_{2_1}-C(=N-OH)NHC_{1-4}aikyl, -C(=N-OH)N(C_{1-4}aikyl)_2, -C(=N-OH)NHC_{3-6}cycloalkyl, -C(=N-OH)NHC_{3-6}cycloa$ $-C(=N-OH)N(C_{3-8}cycloalkyl)_2, \ -COCOOR^{\theta}, \ -C(O)N(R^{\theta})(R^{10}), \ -NHC(O)R^{\theta}, \ -C(O)NHSO_2(C_{1-4}alkyl), \ -C(O)R^{\theta}, \ -C(O)R$ -NHSO₂R⁹, (R⁹)(R¹⁰)NSO₂, -COC +12OR¹¹, (R⁹)(R¹⁰)N-, and -COOR⁹; R⁹ and R¹⁰ are independently selected from hydrogen, hydroxy, C₁₋₄alkyl (optionally substituted with 1 or 2 R¹³), C₃₋₇cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cvano(C₁₋₄)alkyl, trihalo(C₁₋₄)alkyl, aryl, heterocyclyl, and heterocyclyl(C₁₋₄alkyl); or R9 and R10 together with the nitrogen to which they are attached form a 4- to 6-membered ring where the ring is optionally substituted on carbon with 1 or 2 substituents independently selected from oxo, hydroxy, carboxy, halo, nitro, cyano, carbonyl, C₁₄alkoxy, and heterocyclyl, or the ring may be optionally substituted on two adjacent carbons with -O-CH2-O- to form a cyclic acetal wherein one or both of the hydrogens of the -O-CH2-O- group may be replaced by a methyl; R¹³ is selected from hydroxy, halo, trihalomethyl, and C₁₄alkoxy; and R¹¹ is independently selected from hydrogen, C₁₄alkyl, and hydroxyC₁₄alkyl; or a pharmaceutically acceptable salt or prodrug thereof.

17. (New) A compound of claim 16, wherein

 \mathbb{R}^3 is selected from hydrogen, hydroxy, C_{1-4} alkoxy, C_{1-4} alkanoyl, carbamoyl, C_{3-7} cycloalkyl (optionally substituted with 1 or 2 hydroxy groups, cyano(C_{1-4})alkyl, phenyl, morpholino, morpholinyl, piperidino, piperidyl, pyridyl, pyranyl, pyrrolyl, imidazolyl, thiazolyl, thienyl, thiadiazolyl, piperazinyl, isothiazol dinyl, 1,3,4-triazolyl, tetrazolyl, pyrrolidinyl, thiomorpholino,

pyrrolinyl, homopiperazinyl, 3,5-dioxapiperidinyl, pyrimidyl, pyrazinyl, pyridazinyl, pyrazolyl, pyrazolyl, pyrazolyl, isoxazolyl, 4-oxopydriclyl, 2-oxopyrrolidyl, 4-oxothiazolidyl, furyl, thienyl, oxazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl, tetrahydrothiopyranyl, 1-oxotetrahydrothiopyranyl, 1,1-dioxotetrahydrothiopyranyl, and C₁₋₄alkyl (optionally substituted with 1 or 2 R⁸ groups); R⁹ and R¹⁰ are independently selected from hydrogen, hydroxy, C₁₋₄alkyl (optionally substituted with 1 or 2 R¹³ groups), C₃₋₇cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cyano(C₁₋₄)alkyl, trihalo C₁₋₄alkyl, aryl, heterocyclyl, and heterocyclyl(C₁₋₄alkyl); or R⁹ and R¹⁰ together with the nitrogen to which they are attached form a 4- to 6-membered ring where the ring is optionally substituted on carbon with 1 or 2 substituents selected from oxo, hydroxy, carboxy, halo, nitro, cyano, carbonyl, and C₁₋₄alkoxy, or the ring may be optionally substituted on two adjacent carbons with -O-CH₂-O- to form a cyclic acetal wherein one or both of the hydrogens of the -O-CH₂-O- group may be replaced by a methyl;

R⁸ is independently selected from hydroxy, C_{1-4} alkoxy, hydroxy C_{1-4} alkoxy, 5-and 6-membered cyclic acetals and mono- and di-methyl derivatives thereof, aryl, heterocyclyl, C_{3-7} cycloalkyl, C_{1-4} alkoxy, C_{1-4} alkoxy, C_{1-4} alkoxy, C_{1-4} alkylS(O)_b- (wherein b is 0, 1, or 2), C_{3-6} cycloalkylS(O)_b- (wherein b is 0, 1, or 2), arylS(O)_b- (wherein b is 0, 1, or 2), heterocyclylS(O)_b- (wherein b is 0, 1, or 2), benzylS(O)_b- (wherein b is 0, 1, or 2), -N(OH)CHO, -C(=N-OH)NHC₁₋₄i3lkyl, -C(=N-OH)N(C₁₋₄i3lkyl)₂, -C(=N-OH)NHC₃₋₆cycloalkyl, -C(=N-OH)N(C₃₋₆cycloalkyl)₂, -COCOOR⁹, -C(O)N(R⁹)(R¹⁰), -NHC(O)R⁹, -C(O)NHSO₂(C₁₋₄alkyl), -NHSO₂R⁹, (R⁹)(R¹⁰)NSO₂-, -COCH₂OR¹¹, (R⁹)(R¹⁰)N-, and -COOR⁹;

R¹³ is selected from hydroxy, halo, trifluoromethyl, and C₁₋₄alkoxy; and R¹¹ is selected from hydrogen, C₁₋₄alkyl, and hydroxyC₁₋₄alkyl; or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

18. (New) A compound of claim 16, wherein:

R³ is selected from cyanoC₁₋₄alkyl and C₁₋₄alkyl (optionally substituted with1 or 2 R⁸ groups);

R^a is independently selected from hydroxy, phenyl, 2,2-dimethyl-1,3-dioxolan-4-yl, 2,2-dimethyl-1,3-dioxan-4-yl, 2,2-d methyl-1,3-dioxan-5-yl, 1,2,4-oxadiazolyl, 1,3,4-oxadiazolyl, triazolyl, tetrazolyl, imidazolyl, pymolidinyl, piperidyl, tetrahydrofuryl, tetrahydropyranyl, tetrahydrothiopyranyl, tetrahydroth enyl, C_{1-4} alkoxy, C_{1-4} alkanoyl, C_{1-4} alkylS(O)_b- (wherein b is 0, 1, or 2), $-C(O)N(R^9)(R^{10})$, $-COOR^9$, $-C(O)NHSO_2Me$, $-C(=N-OH)NH_2$, $-C(=N-OH)NHC_{1-4}$ alkyl, $-C(=N-OH)N(C_{1-4}$ alkyl)₂, and $-NHSO_2R^9$; and

 R^9 and R^{10} are independently selected from hydrogen, hydroxy, and C_{1-4} alkyl optionally substituted with R^{13} (wherein R^{13} is C_{1-4} alkoxy or hydroxy); or

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R⁹ and R¹⁰ together with the nitrogen to which they are attached form a 4- to 6-membered ring where the ring m ay be optionally substituted on carbon with 1 or 2 hydroxy groups or carboxy groups), or the ring may be optionally substituted on two adjacent carbons with -O-CH₂-O- to form a cyclic acetal wherein one or both of the hydrogens of the -O-CH₂-O-group may be replaced by a methy4;

or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

19. (New) A compound of claim 16, wherein:

R³ is selected from cyano, ℂ₁₄alkyl, and C₁₄alkyl (optionally substituted with 1 or 2 R⁸ groups);

 R^8 is independently selected from hydroxy, 2,2-dimethyl-1,3-dioxolan-4-yl, 1,2,4-oxadiazolyl, 1,3,4-oxadiazolyl, tetrazolyl, $C_{1\rightarrow}$ alkoxy, $C_{1\rightarrow}$ alkanoyl, $C_{1\rightarrow}$ alkylS(O)_b- (wherein b is 0, 1, or 2), -C(O)N(R^9)(R^{10}), -COOR⁹, -C(O)NHSO₂Me, and -C(=N-OH)NH₂; and

 R^9 and R^{10} are independently selected from hydrogen, hydroxy, and C_{14} alkyl optionally substituted with R^{13} (wherein R^{13} is C_{14} alkoxy or hydroxy); or

R⁹ and R¹⁰ together with the nitrogen to which they are attached form a 4- to 6-membered ring selected from piperidine, 4-hydroxypiperidine, pyrrolldine, 3,4-dihydroxypyrrolldine, and the dimethylacetal of 3,4-dihydroxypyrrolldine; or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

20. (New) A compound of claim 16, wherein:

A is phenylene;

or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

21. (New) A compound of claim 16, wherein:

A is heteroarylene;

or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

22. (New) A compound of claim 16, wherein:

is a single bond;

or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

23. (New) A compound of claim 16 selected from:

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5-chloro-*N*-[1-(methoxycarbonylmethyl)-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl]-1*H*-indole-2-carboxamide;

N- [1-(carboxymethyl)-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl]-5-chloroindole-2-carboxamide;

5-chloro-N-(2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1H-indole-2-carboxamide;

5-chloro-N-[{2-oxo-1-[2-oxo-2-(pyridin-2-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1H-indole-2-carboxamide;

5-chloro-*N*-{1-[2-(methylthio)ethyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-{1-[2-(methylsulphinyl)ethyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-{1-[2-(methylsulphonyl)ethyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-{2-oxo-1-[2-oxo-2-(1,3,4-thiadiazol-2-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(6-methylpyridin-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N-*{2-oxo-1-[2-oxo-2-(pyridin-3-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-N-(1-{2-[(5-methyl-1,3,4-thiadiazol-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-

tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(5-ethyl-1,3,4-thiadiazol-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(4-cyano-1*H*-pyrazol-3-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(4-methyl-1,3-thiazol-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(6-chloropyridin-3-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(3-hydroxypyridin-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(2-oxo-1-{2-oxo-2-[(pyricin-2-ylmethyl)amino]ethyl}-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-{2-oxo-1-[2-oxo-2-(pyridin-4-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

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5-chloro-*N*-(1-{2-[(1-methyl-1*H*-pyrazol-5-yl)amino]-2-oxoethyl)-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(1,3-dimethyl-1*H*-pyrazol-5-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(2-oxo-1-{2-oxo-2-[(pyrazin-2-ylmethyl)amino]ethyl}-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-N-(1-{2-[(6-fluoropyridin-3-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1H-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(2-hydroxypyrimidin-4-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolln-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-{2-oxo-1-[2-oxo-2-(pyrirnidin-4-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(1-ethyl-1*H*-pyrazol-5-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(2-oxo-1-{2-oxo-2-[(5-oxo-4,5-dihydro-1*H*-pyrazol-3-yl)amino]ethyl}-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-:2-carboxamide;

5-chloro-*N*-(1-{2-[(4-hydroxypyrimiclin-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(3-methylpyridin-::-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(6-chloropyridazir-3-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(1*H*-imidazol-2-ylmethyl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-N-(1-{2-[(1-methyl-1H-pyrɛızol-3-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1H-indole-2-carboxamide;

5-chloro-N-{2-oxo-1-[2-oxo-2-(2H-tetrazol-5-ylamino)ethyl]-1,2,3,4-tetrahydroquinolin-3-yl}-1H-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(3-ethyl-1*H*-pyrazɔl-5-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

5-chloro-*N*-(1-{2-[(5-fluoropyridin-2-yl)amino]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1*H*-indole-2-carboxamide;

N-(1-{2-[(6-bromopyridin-3-yl)aminc-]-2-oxoethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-5-chloro-1H-indole-2-carboxamide;

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5-chloro-N-[1-(2-hydroxyethyl)-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl]-1H-indole-2-carboxamide; 5-chloro-N-{1-[(2,2-dimethyl-1,3-dioxan-5-yl)methyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1H-indole-2-carboxamide;

5-chloro-*N*-{1-[3-hydroxy-2-(hydroxymethyl)propyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1*H*-indole-2-carboxamide;

5-chloro-*N*-[1-(2,3-dihydroxypropyl),-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl]-1*H*-indole-2-carboxamide;

5-chloro-*N*-[1-(3-hydroxy-2-oxopropyl)-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl]-1*H*-indole-2-carboxamide;

5-chloro-N-{1-[(2R)-2,3-dihydroxyp opyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-1H-indole-2-carboxamide;

5-chloro-N-(1-{2-[(methylsulfonyl)amino]ethyl}-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl)-1H-indole-2-carboxamide;

N-{1-[2-(acetylamino)ethyl]-2-oxo-1,2,3,4-tetrahydroquinolin-3-yl}-5-chloro-1*H*-indole-2-carboxamide;

5-chloro-N-(2-oxo-1-{2-[(trifluoroacstyl)amino]ethyl}-1,2,3,4-tetrahydroquinolin-3-yl)-1H-indole-2-carboxamide;

5-chloro-N-[1-(3-hydroxypropyl)-2- α xo-1,2,3,4-tetrahydroquinolin-3-yl]-1H-indole-2-carboxamide; N-{1-[(2Z)-2-amino-2-(hydroxyimin α)ethyl]-2- α xo-1,2,3,4-tetrahydroquinolin-3-yl}-5-chloro-1H-indole-2-carboxamide;

5-chloro-*N*-(6-fluoro-2-oxo-1,2,3,4-letrahydroquinolin-3-yl)-1*H*- indole-2-carboxamide; and 5-chloro-*N*-[6-(methyloxy)-2-oxo-1,:2,3,4-tetrahydroquinolin-3-yl]-1*H*-indole-2-carboxamide; or a pharmaceutically acceptable salt or an in-vivo hydrolysable ester thereof.

- 24. (New) A pharmaceutical composition which comprises a compound of claim 16, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof, in association with a pharmaceutically acceptable diluent or carrier.
- 25. (New) A method for the treatment of type 2 diabetes, insulin resistance, syndrome X, hyperinsulinaemia, hyperglucagonaemia, cardiac ischaemia, or obesity in a warm-blooded animal, comprising administering a compound of claim 16, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

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- 26. (New) A method for the treatment of type 2 diabetes in a warm-blooded animal, comprising administering a compound of claim 16, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.
- 27. (New) A process for the preparation of a compound claim 16, which process comprises: reacting an acid of the formula (2)

or an activated derivative thereof; with an amine of formula (3)

and thereafter if necessary

- i) converting a compound of the formula (1) into another compound of the formula (1);
- ii) removing any protecting groups; or
- iii) forming a pharmaceutically acceptable salt or in vivo hydrolysable ester.